

519,634

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 January 2004 (08.01.2004)

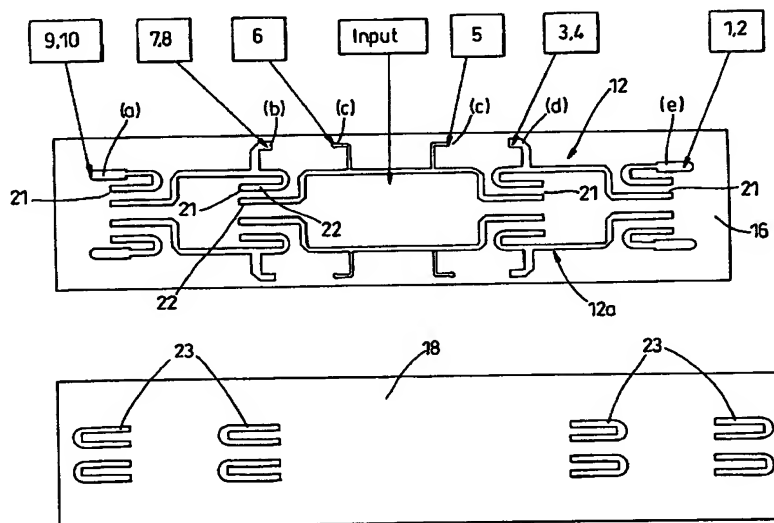
PCT

(10) International Publication Number  
**WO 2004/004059 A1**

- (51) International Patent Classification<sup>7</sup>: **H01P 1/18**
- (21) International Application Number:  
PCT/GB2003/002743
- (22) International Filing Date: 27 June 2003 (27.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
0215087.8 29 June 2002 (29.06.2002) GB
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report

[Continued on next page]

(54) Title: A PHASE SHIFTING DEVICE



(57) Abstract: This invention relates to a phase shifting device, which generally comprises of rigid chassis, in the form of an aluminium plate, which can form a ground plane for feed lines (12) printed on a printed circuit board (16), which is mounted on the chassis, a rigid RF transparent block, which is fixed to an actuator arm and mounting bolts for slidably mounting block and actuator on the chassis. A flexi circuit, or the equivalent, (18) is attached to the block and is printed with generally c-shaped conductive strips (23), which form connections at open parts of the feed lines, in such a manner that movement of the block will cause changes in the effective lengths of the feed lines (12) and hence the relative phases of antennas fed by those feed lines.



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